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*HIERACIUM UMBELLATUM* (ASTERACEAE) IN WEST VIRGINIA AND QUEBEC.—On Sep 1985 I collected a specimen of the circumboreal hawkweed, *Hieracium umbellatum* L., from a small patch in the disturbed clearing about the communications tower near the summit of Spruce Knob, Pendleton County, West Virginia (*Uttal 14048*; VPI). Interestingly, another specimen from the same site was independently collected and identified five days later (*E. E. Hutton s.n.*; VPI). These collections constitute a new record for West Virginia and the southeastern United States. Considering the long history of abundant botanizing by competent botanists on Spruce Knob, the species may well be a recent adventive at this site or it would have been detected before. The plant should be watched for at other high elevation sites elsewhere in the Appalachian system.

Recent manuals aver that *Hieracium umbellatum* does not occur in North America south of Ontario and northern Michigan. In 1898, the first edition of the Britton and Brown Illustrated Flora (III:268) stated that the species occurs in Ontario in the lower St. Lawrence River area. In the second edition of this flora (1936, III:330), the St. Lawrence report was stated to be an "apparent error." Subsequently, the species was excluded in North America east of Michigan. In the latter work the species is listed as *Hieracium scabriusculum* Schwein.

Contradictorily, we have three specimens from the St. Lawrence drainage in southwestern Quebec in VPI: Chambord, comté de Roberval, 12 août 1974 (*R. Cayouette 10604 et al.*); Mistassini, comté de Roberval, 12 août 1963 (*J. Cayouette s.n. et.*); Sainte-Placide, comté de Charlevoix, 27 août 1971 (*J. Cayouette s.n.*). All are from ruderal sites. The first two are from the Lac St. Jean area, which drains into a tributary of the St.

Lawrence, but the third is from Lac des Deux-Montagnes, an embayment of the lower St. Lawrence, 70-80 km west of Montreal. All were originally determined as *Hieracium scabriusculum* by R. Cayouette of QUE, and annotated *H. umbellatum* by myself. Thus *H. umbellatum* definitely occurs in the lower St. Lawrence River area. The species should be watched for in boreal ruderal sites farther east in Canada and in the adjacent United States.

American specimens of *Hieracium umbellatum* tend to have somewhat more dentate leaves than do Eurasian ones, and have been determined as *H. umbellatum* var. *scabriusculum* (Schwein.) Farw. by botanists who desire to distinguish them from the nominate Eurasian variety.—Leonard J. Uttal, Department of Biology, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061.

FOUR NEW RECORDS OF *CYPERUS* (CYPERACEAE) IN ARKANSAS—*Cyperus haspan*, *C. oxylepis*, *C. brevifolioides*, and *C. sesquiflorus* are recorded as new to the flora of Arkansas. Voucher specimens are deposited in herbaria as cited..

*CYPERUS HASPAN* L. Calhoun Co.: gravel roadside, 3 mi SE of Hampton, common in seepage area, edge of cutover sweet bay magnolia thicket, stems weak and supported on adjacent marshy vegetation, 3 Sep 1987, Sundell, Amason & Etheridge 7854 (NLU, UAM, UARK).

Away from the larger rivers, permanently wet habitats are rare in southern Arkansas. *Cyperus haspan* was collected at the margin of a disturbed, largely cleared *Magnolia virginiana* swamp. Noteworthy associates were *Lorinseria areolata*, *Smilax laurifolia*, *Itea virginica*, *Aronia arbutifolia*, *Lyonia ligustrina*, and *Viburnum nudum*. Orzell and Bridges (1987) recorded several other taxa from Arkansas that represent similar Gulf Coastal Plain-Calhoun County disjunctions.

*CYPERUS OXYLEPIS* Nees ex Steud. Union Co.: beside County Road 25, 1 mi N of Urbana, near a branch of Richmond Creek, Sec 10, T18S, R13W, edge of vegetation-less area in salty runoff area from oil wells, 22 Oct 1987, Thomas 103,096 (NLU, UAM).

Unlike *Scirpus robustus*, another coastal plain disjunct of the Union County salt marshes, *Cyperus oxylepis* is not always associated with brackish soils. A specimen is recorded by MacRoberts (1979) from Caddo Parish, Louisiana, bordering southwest Arkansas.